An Extract
Of a Letter, written by Dr. Nathan. Fairfax *to the Publiſher, about a Bullet voided by Urine.*

SIr, I ſent a while ſince by Mr. *A. C.* to Mr. *B.* for your ſelf a certain Leaden-Bullet, voided by a Woman at the paſſage of Urine, the circumſtances relating to which I deſign'd to commit preſently after to a Letter, but was diverted from it till now. The rude hiſtory of it you may pleaſe to take as follows.

G. Eliot of *Mendleſham* in *Suffolk*, a pale, middle-ag'd, full-bodied woman, ſorely afflicted for ſome yeares with a torment of the Bowels, was prevailed with by a Neighbour, who had ſuffer'd much in the like caſe, to ſwallow two fit Bullets: whereupon ſhe found (as he had done before her) preſent eaſe; but afterwards her pains return'd and increas'd, and ſhe having many conflicts for about 15 years, then apply'd her ſelf to my Apothecary, Mr. *Gibſon* of *Stow-market*, who adminiſtred to her in the fit a doſe of Lady *Hollands* Powder, which ſhe took in Poſſet-drink in the Morning, was mov'd gently by it in the after-noon, ſpent that night in torture of body with Vomitings, and next morning, during the uſe of the Chamber-pot, together with the Urine there came that from her, which giving a twang againſt the ſide of the Veſſel, ſurpriſed her with wonder, what it ſhould be; and the Urine being poured off warily, there was left in it a heavy and (to appearance) gravelly Stone, of a colour between yellow and red, near as big as on's Thumbs-ends (as ſhe confidently aſſerts to me;) but making uſe of an Hammer, and knocking off the outer pars of its cruſt, they came at a *Bullet* incloſed in it, of a kind of Brazen colour on the out-ſide; but cutting a little with a Knife, it proved *Lead* within: which being diſcover'd could eaſily be accounted for. Asking her, if no inquiry had been made of ſuch a Bullets comming from her before, ſhe told me that ſome dayes after ſhe took them, the Stools had been ſlightly examin'd, but finding neither, they gave over ſearch. She being further ask'd about the bigneſs of the Bullet? She told me, it was apparently bigger when ſhe took it, than when ſhe voyded it. The ſtate of her Body in reference to the Stone being inquired into, ſhe ſaid, that ſhe had, before and ſince that befell her, been a voyder of abundance of red

red Gravel, and particularly, about three yeares after ſhe took them, ſhe voided a conſiderable reddiſh ſtone. When I ask'd her about the manner of affecting her Body at the comming forth? she anſwer'd, 'Twas much like a common fit of the Stone, onely it held her longer (laſting ſome weeks) bow'd her ſadly forward, (as a Stone often does in the *Vreters*,) provok'd to Vomitings, and particularly ſhe felt it crowd lower and lower from the Kidney to the Bladder, in the left *Vreter*. Asking her farther, Wether ſhe was ſure, it came by the paſſage of *Vrine*, and not by Siege? She aſſur'd me, ſhe was not miſtaken in that. And indeed the gravelly Coat, which the Bullet hath, ſhews ſufficiently, whereabout 'twas lodg'd. Inquiring alſo, Whether the other Bullet was come from her? She ſaid no; for ought ſhe knew, 'twas ſtill in her body. And as to her ſtate ſince this evacuation, ſhe ſaith, that ſhe hath had ever ſince Stone-collick-pains, but none in ſo high a degree, as before.

This is the plain relation of the matter of Fact. The Maine uſe, I would make of the Inſtance (if it be worth mentioning) is to ſtrengthen a conjecture, I have had a long time, of ſome other paſſage from the Stomack to the Bladder, beſides what *Anatomiſts* have hitherto given accounts of. For that this Bullet never came at the *Ureters* through the Veines, Arteries, Nerves, Lympheducts (the onely veſſels that can be charg'd with it) is, I think, beyond diſpute. If it ſhall be ſaid, that Nature, when put to ſhifts, finds out ſtrange conveyances to rid the Body of what is extraneous and offenſive to it, I readily grant it, becauſe many inſtances are known, making that good; yet I think it not ſo pertinently urg'd, for as much as ſome other Inſtances ſeem to ſide with it, which cannot be taken off by the ſame evaſion; *viz.* Many do find, that drinking 4 or 5 Glaſſes of *Rheniſh* (for inſtance,) within leſs than a quarter of an hour they ſhall have a ſtrong liſt to make Water, eſpecially if the Body hath been agitated. Now that it ſhould paſs through the Lacteals, Veins, Heart, and Arteries, and be ſtrain'd from the Blood in ſo ſhort a time, is to me ſcarce conceivable.

But ſurely this ſhorter paſſage (wherever 'tis) is as natural as that, by which it ſhould have gone, had it ſtaid longer in the Body:

Body: Not to ſay, how little it ſavors of the rankneſs of the Kidneys, and how much it reſembles that, which it was, before 'twas taken into the Body. And methinks, the conveyance of the Milk into the breaſt hath much affinity with this of the Urine into the Bladder; the ſudden preſſing whereof into the Papps after the Nurſes drinking ordinary Milk could no more be explained by the ordinary doctrine of *Circulation*, than this of the urine into the Bladder, till the ſhorter cut was hit upon by the *Ductus thoracici*; though ordinarily it may be ſtrayn'd in from the Arteries, as the *Serum* alſo in the Kidneys; onely in a Milk-floud Nature finds ſome other Channel there, as here in a Water-floud.

Laſtly, Sometimes things are ſhed forth at the Niples, almoſt as much ſurprizing as this, we have ſpoken of, at the Neck of the Bladder. But I am perhaps too prolix in my reflexions, of which I deſire you to believe I have as mean thoughts, as the Candidſt of Readers ſhall. I am, *&c.*

Wooabridge, Sept. 18. 1668.

II. Joh. Hevelii *COMETOGRAPHIA. Printed at* Dantzick *A.* 1668. *in large* Folio.

IN this curious and learned Volume the Illuſtrious Author hath with great induſtry endeavour'd to explain the *whole Nature* of *Comets*, their Place, Parallaxes, Diſtances from the Earth, Beginning and End, the ſeveral Appearances of their Heads and Trayns, together with their admirable motion; And all this by means of one conſtant and fit *Hypotheſis*, by which he judgeth that all the *Phænomena* and *Queſtions* touching *Comets*, hitherto known, may be rationally and conveniently explained and demonſtrated: All illuſtrated by 38 Schemes in *Folio*, engraven by the Author himſelf; as the whole Book hath been Printed at his own charges. To which is added both a *Particular* explication of the *Comets*, which appear'd *A.* 1652, 1661, 1664, 1665; and an Hiſtory of all the Comets, recorded by Hiſtorians, Philoſophers and Aſtronomers from the *Noachical* Deluge unto this day, enriched with the Authors Notes and Animadverſions, and a general *Table*, repreſenting, as it were, in one view, the moſt remarkable particulars obſerved in all Comets, *viz.* concerning